

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|--------------------------|------------------|
| 3 | 3 | 6701091.pn. or 6330091.pn. | USPAT; EPO; JPO; DERWENT | 2004/08/06 17:07 |
| - | 3 | "6330091" | USPAT; EPO; JPO; DERWENT | 2004/08/06 17:07 |
| - | 2 | 6330091.pn. | USPAT; EPO; JPO; DERWENT | 2003/03/23 09:18 |
| - | 2 | 4317232.pn. | USPAT; EPO; JPO; DERWENT | 2002/11/25 15:48 |
| - | 2 | 4825200.pn. | USPAT; EPO; JPO; DERWENT | 2002/11/25 15:48 |
| - | 633 | 348/734.cccls. | USPAT; EPO; JPO; DERWENT | 2004/08/04 12:47 |
| - | 1193 | 340/825.69.cccls. | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:22 |
| - | 1212 | 340/825.72.cccls. | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:23 |
| - | 2471 | 348/734.cccls. or 340/825.69.cccls. or 340/825.72.cccls. | USPAT; EPO; JPO; DERWENT | 2003/04/15 16:38 |
| - | 598 | (348/734.cccls. or 340/825.69.cccls. or 340/825.72.cccls.) and ((infrared or ir or infra-red) same (led or emitter or transmitter)) | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:34 |
| - | 1743 | (348/734.cccls. or 340/825.69.cccls. or 340/825.72.cccls.) and (detector or receiver or photodiode or photodetector) | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:30 |
| - | 564 | ((348/734.cccls. or 340/825.69.cccls. or 340/825.72.cccls.) and ((infrared or ir or infra-red) same (led or emitter or transmitter))) and ((348/734.cccls. or 340/825.69.cccls. or 340/825.72.cccls.) and (detector or receiver or photodiode or photodetector)) | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:30 |
| - | 12157 | (detector or receiver or photodiode or photodetector) same ((infrared or ir or infra-red) same (led or emitter or transmitter)) | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:31 |
| - | 428 | ((detector or receiver or photodiode or photodetector) same ((infrared or ir or infra-red) same (led or emitter or transmitter))) and (348/734.cccls. or 340/825.69.cccls. or 340/825.72.cccls.) | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:31 |
| - | 1036 | (("same" or one or single) with diode with receiv\$4 with transmit\$4) | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:35 |
| - | 160 | ((("same" or one or single) with diode with receiv\$4 with transmit\$4)) and ((infrared or ir or infra-red) same (led or emitter or transmitter)) | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:43 |
| - | 416 | ((("same" or single) with diode with receiv\$4 with transmit\$4) | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:36 |
| - | 51 | ((("same" or single) with diode with receiv\$4 with transmit\$4)) and ((infrared or ir or infra-red) same (led or emitter or transmitter)) | USPAT; EPO; JPO; DERWENT | 2003/03/23 08:43 |
| - | 2 | 4799687.pn. | USPAT; EPO; JPO; DERWENT | 2003/03/23 09:18 |

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|---|---------|---|------------------------------------|------------------|
| - | 604 | universal adj2 remote | USPAT; EPO; JPO; DERWENT | 2003/04/14 14:26 |
| - | 155 | diode and (universal adj2 remote) | USPAT; EPO; JPO; DERWENT | 2003/04/14 15:27 |
| - | 326 | single and (universal adj2 remote) | USPAT; EPO; JPO; DERWENT | 2003/04/14 15:27 |
| - | 2484 | 348/734.cccls. or 340/825.69.cccls. or 340/825.72.cccls. | USPAT; EPO; JPO; DERWENT | 2003/04/15 16:38 |
| - | 739 | (348/734.cccls. or 340/825.69.cccls. or 340/825.72.cccls.) and diode | USPAT; EPO; JPO; DERWENT | 2003/04/15 16:38 |
| - | 0 | 398/138.cccls. | USPAT; EPO; JPO; DERWENT | 2003/04/18 13:33 |
| - | 3620 | h04b010/28.ipc. | USPAT; EPO; JPO; DERWENT | 2003/05/13 10:22 |
| - | 334513 | ir or infra-red or infrared | USPAT; EPO; JPO; DERWENT | 2003/05/13 10:23 |
| - | 240 | h04b010/28.ipc. and (ir or infra-red or infrared) | USPAT; EPO; JPO; DERWENT | 2004/08/05 08:13 |
| - | 2 | jp-04304798-\$ did. | USPAT; EPO; JPO; DERWENT | 2003/05/16 07:37 |
| - | 27 | 398/138.cccls. | USPAT; EPO; JPO; DERWENT | 2003/10/10 12:25 |
| - | 64 | 398/128.cccls. | USPAT; EPO; JPO; DERWENT | 2003/10/10 12:25 |
| - | 147 | 398/129.cccls. | USPAT; EPO; JPO; DERWENT | 2003/10/10 12:28 |
| - | 120 | 398/107.cccls. | USPAT; EPO; JPO; DERWENT | 2003/10/10 12:28 |
| - | 3 | (("6701091") or ("6330091")).PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 12:40 |
| - | 818 | 348/734.cccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 13:48 |
| - | 580 | 348/734.cccls. and (ir or infrared or infra-red or (infra adj red)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 17:07 |
| - | 1054163 | photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 15:00 |
| - | 225 | (348/734.cccls. and (ir or infrared or infra-red or (infra adj red))) and (photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1) receiver\$1 or receiving | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 14:42 |
| - | 2460284 | | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 14:31 |
| - | 563 | (348/734.cccls. and (ir or infrared or infra-red or (infra adj red))) and (receiver\$1 or receiving) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 14:31 |

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|---|---------|--|------------------------------------|---------------------|
| - | 569 | ((348/734.ccls. and (ir or infrared or infra-red or (infra adj red))) and (photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1)) or ((348/734.ccls. and (ir or infrared or infra-red or (infra adj red))) and (receiver\$1 or receiving)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 14:31 |
| - | 355 | (348/734.ccls. and (ir or infrared or infra-red or (infra adj red))) not ((348/734.ccls. and (ir or infrared or infra-red or (infra adj red))) and (photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 14:40 |
| - | 4503271 | case or casing or housing | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 14:50 |
| - | 200 | ((348/734.ccls. and (ir or infrared or infra-red or (infra adj red))) and (photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1)) and (case or casing or housing) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 14:49 |
| - | 57 | ((348/734.ccls. and (ir or infrared or infra-red or (infra adj red))) and (photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1)) and (casing or housing) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 14:59 |
| - | 3216843 | photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1 or receiver\$1 or receiving | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 15:02 |
| - | 1773909 | led\$1 or emitter\$1 or emitting or transmitter\$1 or transmitting | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 15:03 |
| - | 471980 | (photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1 or receiver\$1 or receiving) with (led\$1 or emitter\$1 or emitting or transmitter\$1 or transmitting) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 15:05 |
| - | 1971 | ((photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1 or receiver\$1 or receiving) with (led\$1 or emitter\$1 or emitting or transmitter\$1 or transmitting)) with behind | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 15:07 |
| - | 7 | ((photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1 or receiver\$1 or receiving) with (led\$1 or emitter\$1 or emitting or transmitter\$1 or transmitting)) with behind) and 348/734.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 15:05 |
| - | 562 | ((photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1 or receiver\$1 or receiving) with (led\$1 or emitter\$1 or emitting or transmitter\$1 or transmitting)) with behind) and (ir or infrared or infra-red or (infra adj red)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:17 |
| - | 136102 | remote adj control\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 15:11 |

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|--|-----|---|------------------------------------|---------------------|
| | 101 | ((((photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1 or receiver\$1 or receiving) with (led\$1 or emitter\$1 or emitting or transmitter\$1 or transmitting)) with behind) and (ir or infrared or infra-red or (infra adj red))) and (remote adj control\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 15:11 |
| | 8 | ("4317232" "4825200" "4933563" "5031196" "5075794" "5255313" "5552917" "5691710").PN. | USPAT | 2004/08/04 15:32 |
| | 7 | ("4367483" "4945633" "5253146" "5335361" "5665525" "5699406" "5732101").PN. | USPAT | 2004/08/04 15:35 |
| | 0 | 6373046.URPN. | USPAT | 2004/08/04 15:37 |
| | 35 | kaikuranta-terho.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:07 |
| | 0 | ep-0654689-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:08 |
| | 2 | ep-654689-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:09 |
| | 2 | ep-290242-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:10 |
| | 0 | ep-094710-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:11 |
| | 1 | ep-94710-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:11 |
| | 2 | 4709411.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:13 |
| | 2 | 4367483.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:13 |
| | 9 | 4367483.URPN. | USPAT | 2004/08/05 09:03 |
| | 2 | ("4216485" "4275404").PN. | USPAT | 2004/08/04 16:16 |
| | 461 | ((((photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1 or receiver\$1 or receiving) with (led\$1 or emitter\$1 or emitting or transmitter\$1 or transmitting)) with behind) and (ir or infrared or infra-red or (infra adj red))) not (((((photodiode\$1 or (photo adj diode\$1) or photo-diode\$1 or detector\$1 or photodetector or photo-detector\$1 or receiver\$1 or receiving) with (led\$1 or emitter\$1 or emitting or transmitter\$1 or transmitting)) with behind) and (ir or infrared or infra-red or (infra adj red))) and (remote adj control\$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 16:58 |

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|---|--------|--|------------------------------------|---------------------|
| - | 139 | 398/107.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 17:06 |
| - | 300 | 398/106.ccls. not 398/107.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 17:06 |
| - | 225 | (398/106.ccls. not 398/107.ccls.) and (ir or infrared or infra-red or (infra adj red)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/04 17:10 |
| - | 2 | ("5142397").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 08:11 |
| - | 69 | (398/108).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 08:11 |
| - | 61 | ((398/108).CCLS.) not 398/107.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 08:12 |
| - | 90 | 398/128.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 08:12 |
| - | 229 | 398/135.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 08:12 |
| - | 50 | 398/135.ccls. and (ir or infra-red or infrared) | USPAT; EPO; JPO; DERWENT | 2004/08/05 08:13 |
| - | 580 | 257/80.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 14:25 |
| - | 537 | 257/81.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 14:27 |
| - | 967 | 257/82.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 14:27 |
| - | 430450 | ir or infra-red or infrared | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 14:28 |
| - | 834 | 257/82.ccls. not 257/81.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 14:28 |
| - | 779 | (257/82.ccls. not 257/81.ccls.) not 257/80.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 14:28 |
| - | 122 | 257/82.ccls. and (ir or infra-red or infrared) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/05 14:28 |